

1. The method of treating the surface of a polyolefin object to obtain a permanently textured surface which comprises:

5           a. coating the surface with a mixture of a tackifier and polyolefin powder in a liquid carrier;

              b. incorporating inorganic particulate solids having a size range passing a 15 mesh standard screen size into the coating;

10           c. drying the coating and heating the coating and surface to the melt temperature of said surface for a sufficient time to fuse the coating into the surface of the polyolefin object but insufficient to cause thermal distortion of the polyolefin object.

2. The method of claim 1 wherein the polyolefin object is a polyethylene object.

3. The method of claim 2 wherein the polyolefin powder is polyethylene powder.

4. The method of claim 3 wherein the particles of the polyethylene powder have a size range less than 140 microns.

5. The method of claim 3 wherein said tackifier is an aliphatic or cycloaliphatic hydrocarbon resin.

6. The method of claim 1 wherein said tackifier and polyolefin powder are present in proportions from 15 to 30 weight percent tackifier and from 85 to 70 weight percent polyolefin powder.

7. The method of claim 6 wherein said liquid carrier is a hydrocarbon solvent.

8. The method of claim 6 wherein said liquid carrier is water and including sufficient surfactant to disperse the active ingredients in water.

9. The method to prepare a permanently textured surface on a polyethylene object which comprises:

a. coating a polyethylene surface of said object with a mixture of a hydrocarbon tackifier resin and polyethylene powder in proportions from 15 to 30 weight percent tackifier and from 85 to 70 weight percent polyethylene powder, in a liquid carrier;

b. incorporating inorganic solids having a size range passing a 15 mesh standard screen size into the coating;

c. heating said surface and coating to a temperature of 250° to 350° F. for sufficient time to melt said surface and fuse the coating into said surface without causing the object to distort or warp.

10 10. The method of claim 9 wherein the particles of the polyethylene powder have a size range less than 140 microns.

11.. The method of claim 9 wherein said tackifier is an aliphatic or cycloaliphatic hydrocarbon resin.

12. The method of claim 9 wherein said liquid carrier is a hydrocarbon solvent.

13. The method of claim 9 wherein said liquid carrier is water and including sufficient surfactant to disperse the active ingredients in water.